SEQUENCE LISTING

<110> Inze, Dirk
De Veylder, Lieven
De Almeida, Janice

<120> A NOVEL MITOGENIC CYCLIN AND USES THEREOF

<130> 1187-9

<140> 09/530,209
<141> 2000-06-13

<150> PCT/EP98/06749
<151> 1998-10-23

<150> EP 97203303.9
<151> 1997-10-24

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<170> PatentIn version 3.2

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gtt gat gat gag ggc atg att gtt gac gaa act ccg att gaa att tcg       96
Val Asp Asp Glu Gly Met Ile Val Asp Glu Thr Pro Ile Glu Ile Ser
            20                  25                  30

att cct cag atg ggt ttt tct caa tcg gag agt gag gag att atc atg      144
Ile Pro Gln Met Gly Phe Ser Gln Ser Glu Ser Glu Glu Ile Ile Met
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gag atg gtg gag aag gag aag cag cat ttg cca agt gat gat tac atc      192
Glu Met Val Glu Lys Glu Lys Gln His Leu Pro Ser Asp Asp Tyr Ile
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aag aga ctt aga agt gga gat ttg gat ttg aat gtt gga aga aga gat      240
Lys Arg Leu Arg Ser Gly Asp Leu Asp Leu Asn Val Gly Arg Arg Asp
65                  70                  75                  80

gcc ctc aat tgg att tgg aag gct tgt gaa gta cac cag ttt gga cca      288
Ala Leu Asn Trp Ile Trp Lys Ala Cys Glu Val His Gln Phe Gly Pro
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Leu Cys Phe Cys Leu Ala Met Asn Tyr Leu Asp Arg Phe Leu Ser Val
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cat gat ttg cct agt ggc aaa ggt tgg ata ttg cag ttg ttg gct gtg      384
His Asp Leu Pro Ser Gly Lys Gly Trp Ile Leu Gln Leu Leu Ala Val
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gct tgt tta tca ttg gca gcc aaa att gaa gaa act gaa gtt cca atg      432
Ala Cys Leu Ser Leu Ala Ala Lys Ile Glu Glu Thr Glu Val Pro Met
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ttg ata gat ctt cag gtt gga gat cct cag ttt gtg ttt gag gct aaa      480
Leu Ile Asp Leu Gln Val Gly Asp Pro Gln Phe Val Phe Glu Ala Lys
145                 150                 155                 160

tca gtc caa aga atg gag ctt ttg gtg ttg aac aaa ttg aaa tgg aga      528
Ser Val Gln Arg Met Glu Leu Leu Val Leu Asn Lys Leu Lys Trp Arg
                165                 170                 175

ttg aga gca ata act cca tgc tca tac ata aga tat ttc ctg aga aag      576
Leu Arg Ala Ile Thr Pro Cys Ser Tyr Ile Arg Tyr Phe Leu Arg Lys
            180                 185                 190

atg agt aaa tgt gat caa gaa cca tcc aac aca ttg ata tct aga tca      624
Met Ser Lys Cys Asp Gln Glu Pro Ser Asn Thr Leu Ile Ser Arg Ser
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tta caa gtg ata gcc agc aca acc aaa ggt att gac ttt ttg gag ttt      672
Leu Gln Val Ile Ala Ser Thr Thr Lys Gly Ile Asp Phe Leu Glu Phe
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aga cct tct gaa gct gct gct gct gtg gca ctt tct gtt tct gga gaa      720
Arg Pro Ser Glu Ala Ala Ala Ala Val Ala Leu Ser Val Ser Gly Glu
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ttg cag aga gta cac ttt gac aac tct tcc ttc tct cct ctt ttc tca      768
Leu Gln Arg Val His Phe Asp Asn Ser Ser Phe Ser Pro Leu Phe Ser
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cta ctt caa aag gag aga gtg aag aag ata ggg gaa atg ata gag agt      816
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gat ggc tca gac tta tgt tca caa aca ccc aat ggg gtt tta gaa gta      864
Asp Gly Ser Asp Leu Cys Ser Gln Thr Pro Asn Gly Val Leu Glu Val
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tcg gct tgt tgt ttc agc ttt aag acc cat gat tct tct tct tct tat      912
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Glu Met Val Glu Lys Glu Lys Gln His Leu Pro Ser Asp Asp Tyr Ile
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Lys Arg Leu Arg Ser Gly Asp Leu Asp Leu Asn Val Gly Arg Arg Asp
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115 120 125

Ala Cys Leu Ser Leu Ala Ala Lys Ile Glu Glu Thr Glu Val Pro Met
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Ser Val Gln Arg Met Glu Leu Leu Val Leu Asn Lys Leu Lys Trp Arg
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Leu Arg Ala Ile Thr Pro Cys Ser Tyr Ile Arg Tyr Phe Leu Arg Lys
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Met Ser Lys Cys Asp Gln Glu Pro Ser Asn Thr Leu Ile Ser Arg Ser

195 200 205

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Arg Pro Ser Glu Ala Ala Ala Ala Val Ala Leu Ser Val Ser Gly Glu
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Leu Gln Arg Val His Phe Asp Asn Ser Ser Phe Ser Pro Leu Phe Ser
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Leu Leu Gln Lys Glu Arg Val Lys Lys Ile Gly Glu Met Ile Glu Ser
260 265 270

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Ser Ala Cys Cys Phe Ser Phe Lys Thr His Asp Ser Ser Ser Ser Tyr
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Thr